2833



REPATENT Attorney Docket No. 203445 JUL 27 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

In re Application of:

Mark A. Richmond et al.

Application No. 09/829,665

Filed: April 10, 2001

For: ELECTRICAL CONNECTOR

Group Art Unit: 2833

Examiner: Not yet assigned

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

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	<b>after</b> (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes <i>one</i> of:									
	the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).									
	the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).									
	after the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).									
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).  NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.									
Copie	of the References									
$\boxtimes$	Copies of the references listed on the enclosed Form 1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).									
	A copy of the foreign search report is enclosed herewith.									
	The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:									

In re Appln. of Richmond et al. Application No. 09/829,665

	U.S. APPLIC	CATIONS	Status (check one)							
U.	S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED					
1.										
3.			<del> </del>		· ·					
	nent under 37 CFR	1.97(e)		L	L					
	Information Disclo	hereby states that each sure Statement was force in a counterpart fore filing of the Information	irst cited in a ign patent appl	ny commun	ication from a					
	The <b>undersigned</b> hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.									
Staten	nent under 37 CFR	1.704(d)								
	Information Disclosoffice in a counterpany individual desi	hereby states that each sure Statement was cited part application and that gnated in 37 CFR 1.560 Disclosure Statement.	d in a communi t this commun	ication from ication was	a foreign patent not received by					
Fees		·	4 4 4	• 5						
	No fee is owed by the applicant(s). The IDS Fee of \$180 under 37 CFR 1.17(p) is enclosed herewith.									
Metho	od of Payment of Fe	es								
	Attached is a check in the amount of \$ . Charge Deposit Account No. 12-1216 in the amount of \$ . (A duplicate copy of this communication is enclosed for that purpose.)									
Autho	orization to Charge	Additional Fees								
		es are owed in connection 12-1216. (A duplication								

In re Appln. of Richmond et al. Application No. 09/829,665

## Instructions as to Overpayment

Credit Account No. 12-1216.
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John M. Augustyn, Reg. No. 33,589 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: July 19, 2001

## **CERTIFICATE OF MAILING**

I hereby certify that this INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

IDS (Rev. 2/1/2001)

Please	type a	plus	sign	(+)	inside	this	bo

Substitute for form 1449A/B/PTO

JUL 2 3 2001

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known							
Application Number 09/829,665							
Filing Date	April 10, 2001						
First Named Inventor	Mark A. Richmond						
Group Art Unit	2833						
Examiner Name	Not yet assigned						
Attorney Docket Number	203445 (July 19, 2001)						

U.S. Patent Document				cument						
Examiner Initials	Doc. No.		ication or It Number	Kind Code	•	Name of Patentee or Applicant	Date of Publication		Filing D	
	AA	2,238,6	596		J./	A. Hanley	4-15-41	1.	-11-40	
	ΑB	3,491,3	330		H.	E. Barnhart et al.	1-20-70	9.	-22-67	
	AC	3,611,2	272		Fa	irbairn et al.	10-5-71	7-	-1-70	
	AD	4,229,0	064		Ve	tter et al.	10-21-80	10	0-25-78	3
	ΑE	4,820,2	204	Î	Ba	itty	4-11-89	1:	2-12-86	5
	ΑF	4,895,	535		En	nadi et al.	1-23-90	6-	-7-89	
	AG	4,990,0	099		Ma	arin et al.	2-5-91	9-	-18-89	
	АН	5,167,	542		Ha	itmanek	12-1-92	8-	-7-91	
	ΑI	5,254,0	019		No	schese	10-19-93	7-	8-92	
	ΑJ	5,289,	554		Cu	ıbukciyan et al.	2-22-94	9-	-29-92	
	AK	5,335,3	301		Ne	wman et al.	8-2-94	5-	-5-93	
	AL	5,370,	557		Ol	sson	12-6-94	10	0-22-93	3
	AM 5,392,194		Ze	ll et al.	2-21-95 6-18-93		-18-93			
	AN	5,441,4	126		Во	ulais	8-15-95	12	2-9-93	
	AO	5,462,4	155		Re	eichle	10-31-95	8-	-12-93	
	ΑP	5,795,	175		Ba	rr	8-18-98	2-	21-95	
	AQ	5,871,3	373		Pa	cini et al.	2-16-99	2-	23-96	
	AR	5,938,4	183		Zw	veigle et al.	8-17-99	1	1-18-97	
					FORE	IGN PATENT DOCUMENTS				
		F	oreign Paten	t Document					Trans	latio
Examiner Initials	Doc. No.	Office	Applicate Patent N		Kind Code	Name of Patentee or Applicant	Date of Publicat	tion	Yes	No

		OTHER - NON PATENT LITERATURE DOCUMENTS		_
Examiner	Doc.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	lation
Initials	No.	I /hook magazine injurgal corial cympocium catalog etc.) date nage(c) volume iccue number (c) nublicher. I		No**
	AS	Photograph of a contact insertion/extraction tool, numbers MS27534-22D (insertion tool) and M81969 14-01 (extraction tool), Aiconics, U.S.A., available prior to April 10, 2000.		
	ΑТ	Photograph of a 40-position contact insert, number EPX40 SA 96 45, Radiall, available prior to April 10, 2000.		
	ΑU	Two photographs of a receptacle with a "B" insert and dust caps mounted thereto, number EPX 2R 26C (receptacle), Radiall, available prior to April 10, 2000.		
J	AV	Two photographs of a plug with dust caps mounted thereto, number EPX 2P 29C (plug), Radiall, available prior to April 10, 2000.		
·	AW	Three photographs of a 78-position plastic receptacle, number 1900 ND02 P1 AIR LB 97-46, AIR LB, available prior to April 10, 2000.		
	AX	Photograph of a strain relief backshell, number AIR LB 001901 050 00, AIR LB, available prior to April 10, 2000.	-	

Examiner Signature	Date Considered

<sup>\*</sup> A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

<sup>+</sup> An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plu	s sign (+) inside this box	×→	PE		<b>—</b>	
		7	67		Complete if Known	
Substitute for fo	rm 1449A/B/PTO	JUL	2 3 2001	Application Number	09/829,665	
INIEC	ORMATION			Filing Date	April 10, 2001	
INFO	TEMATION	Wisc.	DUSUME	First Named Inventor	Mark A. Richmond	
SIA	TEMENT B	YYE	RADEWANI	Group Art Unit	2833	
	(Use as many shee			Examiner Name	Not yet assigned	
Sheet	2	of	7	Attorney Docket Number	203445 (July 19, 2001)	•

		OTHER - NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,	Tron	slation
Examiner Initials	Doc. No.	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**
1	ΑY	Two photographs of a 78-position plastic plug, number 97-40-CD9 FAST-D 02 F-X, AIR LB, available prior to April 10, 2000.		
	ΑZ	Photograph of a two-cavity receptacle, TRI-STAR, AIRINC, available prior to April 10, 2000.		
,	ВА	Photograph of a single cavity, 96-position receptacle, AIRINC, available prior to April 10, 2000.		
,	ВВ	Photograph of a single cavity, 96-position plug, AIRINC, available prior to April 10, 20000.		
4	ВС	ITT Cannon catalog, AIRINC 600 Rack and Panel Connectors, pp. 403-415, 1991.		
*	BD	Boeing Aerospace Corporation Specification BACC65AB, Connector, Electrical, General Purpose, Rectangular, Receptacle Shell, January 28, 1999.		
•	BE	Boeing Aerospace Corporation Specification BACC65AA, Connector, Electrical, General Purpose, Rectangular, Plug Shell, January 29, 1999.		
<u>.</u>	BF	Hypertonics Corporation catalog, pp. L1-L19 and N1-N11, 1993.		
		,		
				A.

Examiner	Date	
Signature	Considered	. <u> </u>

<sup>\*</sup> A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

<sup>+</sup> An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).